Name _____ Date _____

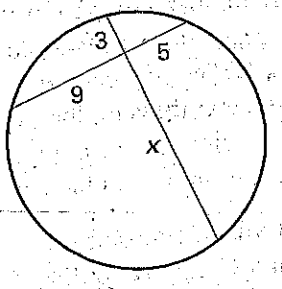
LESSON 10.6

Practice A

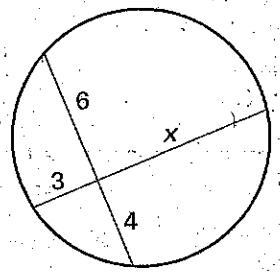
For use with pages 688–695

Fill in the blanks. Then find the value of x.

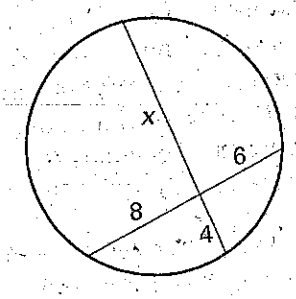
1. $x \cdot$ _____ $= 5 \cdot$ _____



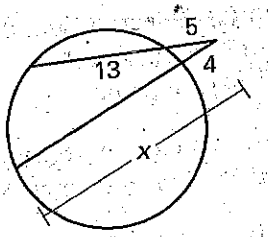
2. $6 \cdot$ _____ $= 3 \cdot$ _____



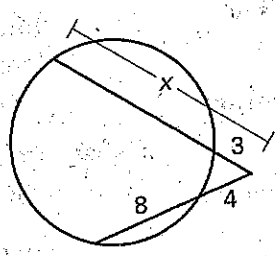
3. $x \cdot$ _____ $= 8 \cdot$ _____



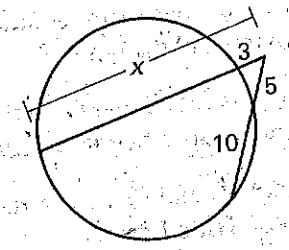
4. $4 \cdot$ _____ $= 5 \cdot$ _____



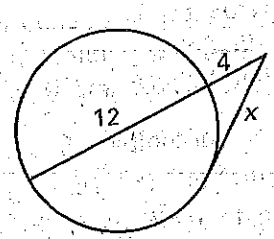
5. $3 \cdot$ _____ $= 4 \cdot$ _____



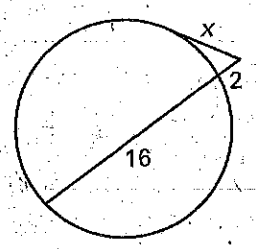
6. $3 \cdot$ _____ $= 5 \cdot$ _____



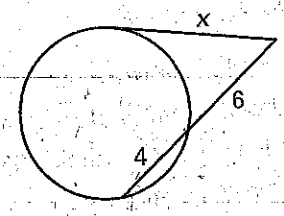
7. $x^2 = 4 \cdot$ _____



8. $x^2 = 2 \cdot$ _____

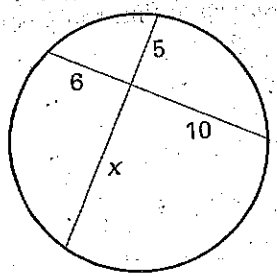


9. $x^2 = 6 \cdot$ _____

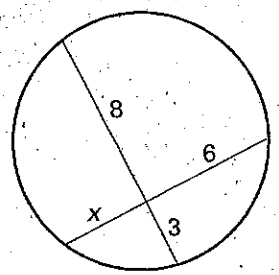


In Exercises 10–24, find the value of x.

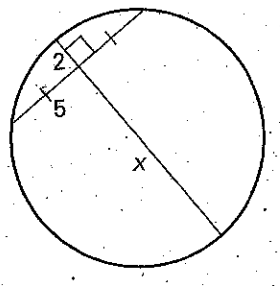
10.



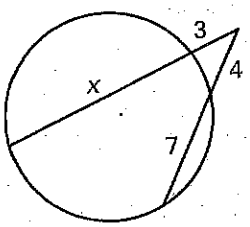
11.



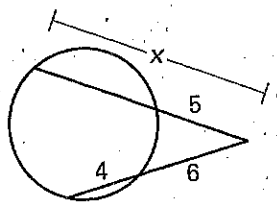
12.



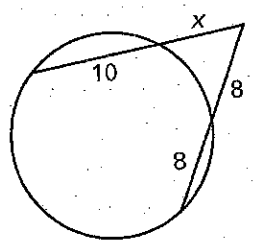
13.



14.



15.



LESSON 10.6

Name _____ Date _____

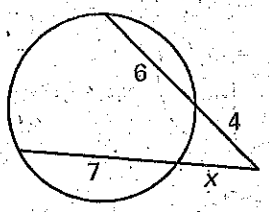
LESSON 10.6

Practice C

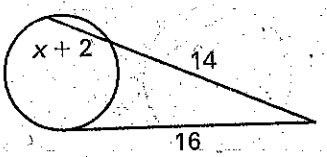
For use with pages 688–695

Find the value of x. Round decimal answers to the nearest tenth.

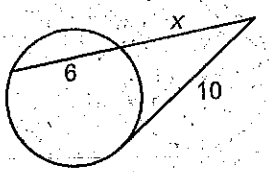
1.



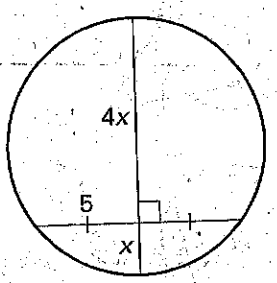
2.



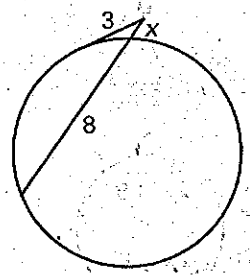
3.



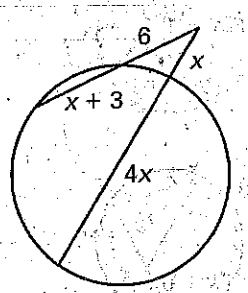
4.



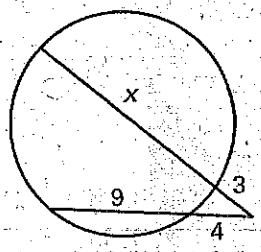
5.



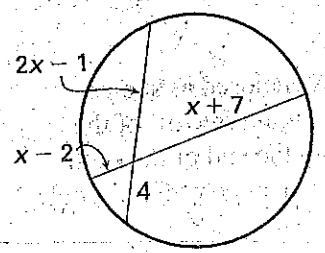
6.



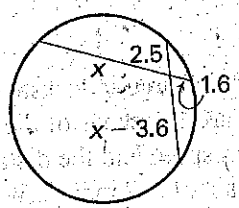
7.



8.

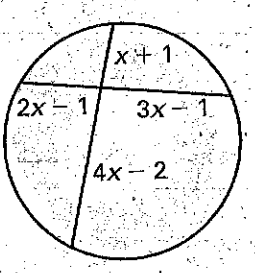


9.

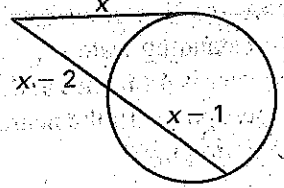


Find all the possible values of x.

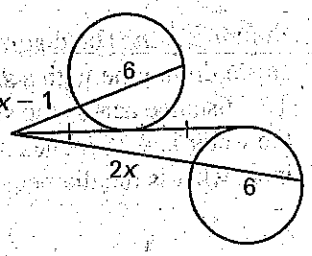
10.



11.



12.



13. Can Theorem 10.14 be used to solve for x and y in the concentric circles at the right? *Explain* why or why not.